

2007

Research Update Meeting 2007 - Cranberry Station Update 2007

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Cranberry Station Update

Carolyn DeMoranville, Director
UMass Amherst Cranberry Station



Handout

- Report to the Station Board of Oversight
- 2006 in Review
 - Funding sources
 - Program highlights



Grower support

- Grower grant sources

- Cape Cod Cranberry Growers Association
- Cranberry Research Foundation
- Cranberry Institute
- Ocean Spray
- Wisconsin Cranberry Board

- 2006 - \$67,924

- In-kind contributions and gifts

- ~\$53,000



Grant support – mostly competitive government funding

- USDA special project – earmark in USDA budget
- IR-4 – support for minor use pesticide registrations
- USDA: CAR, PMAP, NEIPM, SARE
- EPA
- Industry (chemical companies)
- State agencies
- Current value of all active grants - >\$1.6 million
- New awards in 2006 - ~\$420,000



University support

● Amherst

- Faculty salaries
- Support staff
- Operations (utilities, etc.)
- Hatch allocations

● Dartmouth

- Technical support for Justine's program

● Central administration/Amherst

- Operating funds



Cranberry crop

● Crops

	State Bog	Rocky
2003	1074 bbl	415 bbl
2004	1253 bbl	1004 bbl
2005	796 bbl	626 bbl
2006	1307 bbl	917 bbl



Thanks for the support

- CCCGA, Cranberry Research Foundation
- Ocean Spray
- Cranberry Institute
- Industry contributors (grants and meeting support)
- Individual grower cooperators
- AD Makepeace, Cranberry Growers Service
- DeCran and RF Morse



Staffing changes

- New Farm manager – Jim Moores
- New Bookkeeper – Natalie Guerin
- New Plant Physiologist - ??
 - Justine Vanden Heuvel left for Cornell in December

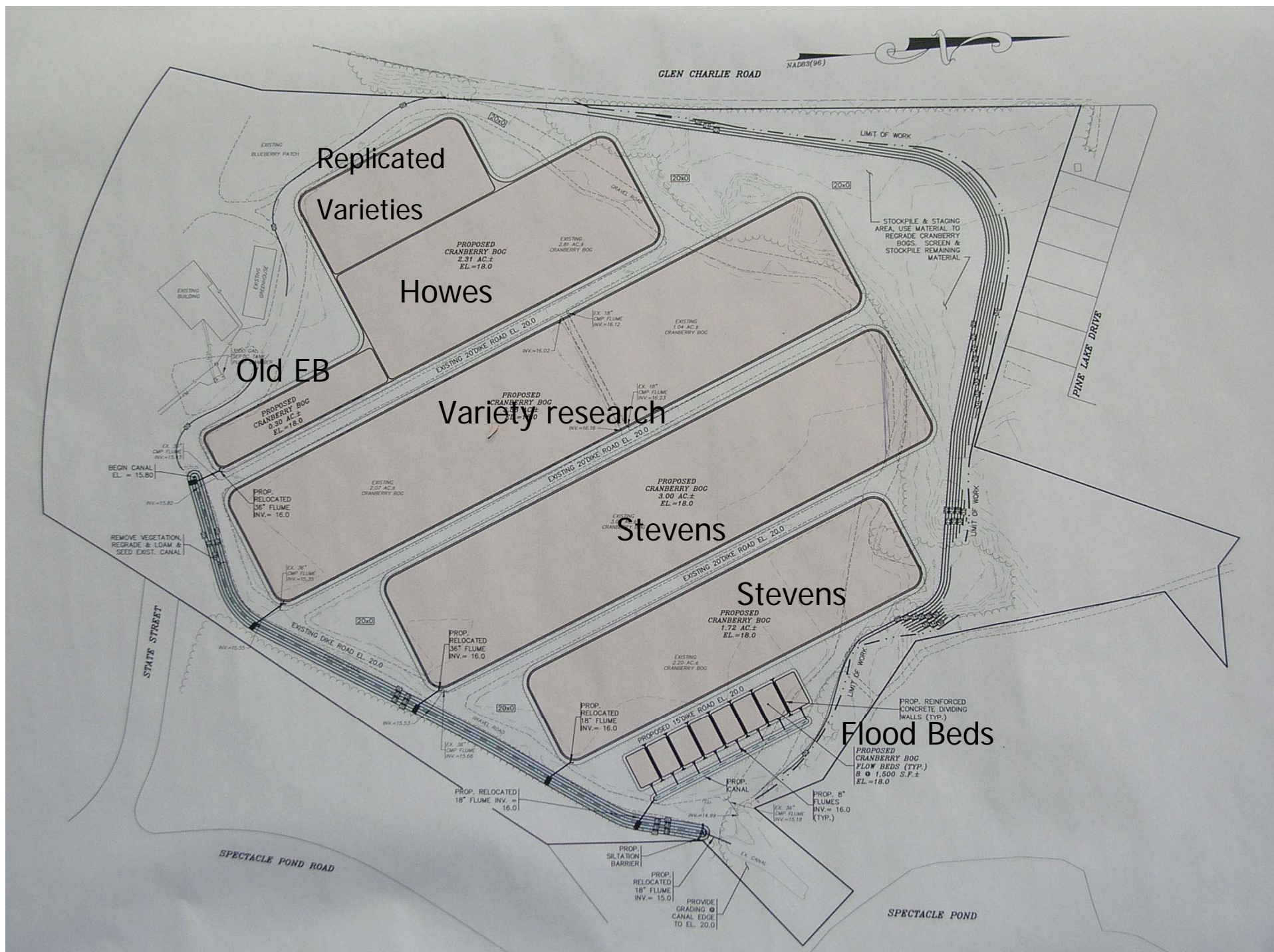




State Bog Renovation Update – See the slide show in the hall too!

Carolyn DeMoranville
UMass Amherst Cranberry Station





● Replicated varieties (5 x 5), 4 reps

- EB, H, BL, S
- Franklin, Early Red
- Wilcox, Smalley Howes
- Black Veil, Pilgrim
- Stankovich, Bugle
- Foxboro Howes, HiRed
- 2 Grygleski
- #35, CN, Matthews
- Beckwith

● Variety research (40 x 80)

- 8 varieties
- 5 replications
- Crimson Queen
- Mullaca Queen
- Demoranville
- Early Black
- Howes
- Stevens
- Ben Lear
- Grygleski



We still need help

- Volunteers to work on vine cutting propagation (starts next week)
- Volunteers for planting plugs (in May)
- Vine donations/planting – we have Howes (Makepeace) and some Stevens (Morse Bros.)
 - Need more Stevens (~2.5 acres)
 - Need ~1/3 acre each: Grygleski, EB, BL
- Call Carolyn (x25) or Frank (x18)



Wind Rowing and Baling (after mowing)

Cost: \$250 / acre





10.11.2006





Hay baler





~ 15 bales per acre

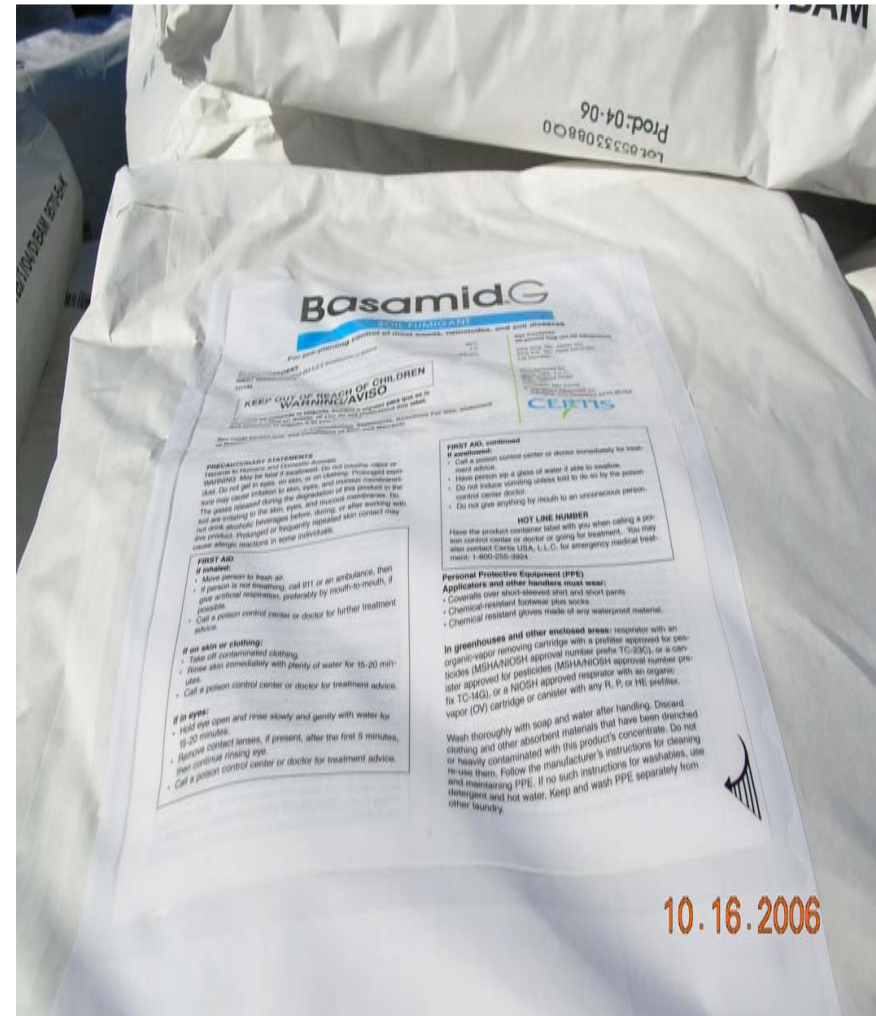
500-700 pounds each

10.11.2006



Applying the Basamid

Rate: 300 lbs / acre
(\$3.60/lb)



Tiller and Spreader



Water up after Basamid



Thanks for the support

- Project Management – CCCGA
- Equipment loans
 - A. D. Makepeace Company
 - Beaton's Cranberry Growers Service
 - Stearns Irrigation, Jack Heywood
 - DeCran Ag Supplies
- Basamid donation – Advan, LLC/Certis USA, LLC



Thanks for the support

- Site planning and engineering
 - Bill Madden, G.A.F. Engineering, Inc.

- State Bog Renovation Committee

Scott Hannula
Frank Caruso
Jeff LaFleur
Fred Jenkins
Peter Beaton

Aaron Berndt
Carolyn DeMoranville
George Rogers
Jack Heywood
Jim Moores



Thanks for the support

- Vine donations pledged
 - Morse Brothers
 - A. D. Makepeace Company
- New Jersey vines donated – Abbott Lee, Lee Brothers, Inc., certified vine propagator
- Rutgers University – waiver of license fee for NJ varieties



Thanks for the support

- Construction Funding – USDA NRCS via CCCGA Cranberry Conservation Earmark
- Additional Project Funding – UMass via State Budget Earmark
 - Thanks to the Cranberry Station Oversight Board for advocacy
 - CCCGA
 - Particular thanks to Sen. Murray and Rep. Quinn



Questions?

